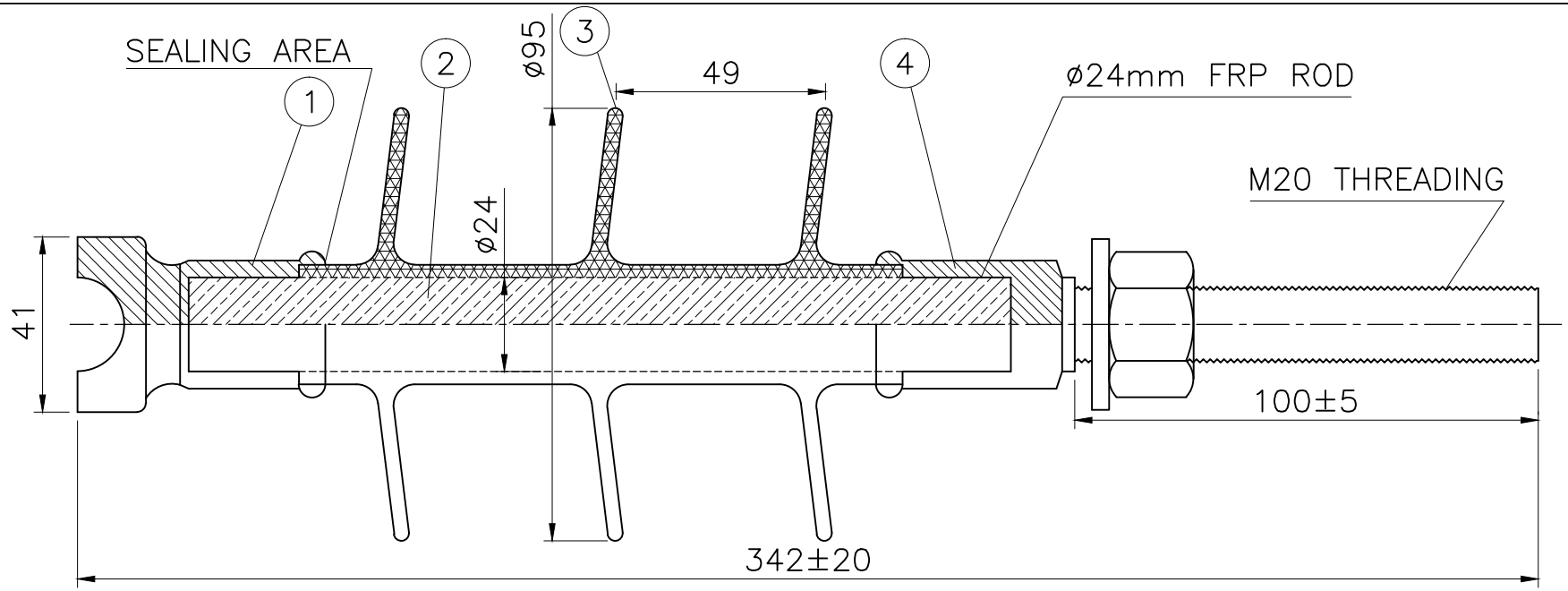

ITEM	DESCRIPTION	MATERIAL	QTY	REMARKS
1	TOP METAL FITTING	SGCI/FORGED	1 NO	HDG
2	CORE ROD	FIBERGLASS	1 NO	24mmø
3	POLYMER HOUSING	SILICONE RUBBER	–	
4	BOTTOM METAL FITTING	SGCI/FORGED	1 NO	HDG

TECHNICAL CHARACTERISTICS:

DIMENSIONS:

1. CREEPAGE DISTANCE(MINIMUM)	320mm
2. ARCING(MINIMUM)	167mm
3. No OF ø95mm SHEDS	3

MECHANICAL CHARACTERISTICS:

1. MIN FAILING LOAD	5kN

ELECTRICAL CHARACTERISTICS:

1. NOMINAL SYSTEM VOLTAGE	11KV
2. HIGHEST SYSTEM VOLTAGE	12KV
3. SYSTEM FREQUENCY	50HZ
4. WET 1 MINUTE POWER FREQUENCY WITHSTAND VOLTAGE	35kV(rms)
5. DRY 1 MINUTE POWER FREQUENCY WITHSTAND VOLTAGE	40kV(rms)
6. DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE	75kVp
7. VISIBLE DISCHARGE TEST VOLTAGE	9kV(rms)

NOTES:

1. INSULATOR CONFORMS TO IEC: 61109–2008
   IS: 2488–1974
2. GALVANISATION CONFORMS TO IS: 2679–1985

	Signatures
Chd	AGM (QS&S)
Sub	DGM (QS&S)

SCALE: N.T.S

All dimensions are in mm unless otherwise stated.

11kV 5KN COMPOSITE PIN INSULATOR

BESCOM

Approved:

General Manager,(Elec.)
QS&S

DRG.NO.BESCOM/GM/QS&S/28
REV–002 DATED:24–11–2018